



RESERVOIR SPILLWAY CONTROL OPERATOR II

CHARACTERISTICS OF WORK:

This work entails responsibility for regulating the amount of water flowing through floodgate outlets in a dam, to maintain an even level of water in the lake or reservoir. Incumbents in this classification make periodic instrument tests to ascertain the change in water level, and rate of flow through spillway, and record findings on appropriate record forms. The work includes interpreting data in comparison with former readings and observations and either increasing or decreasing dam apertures to maintain a prescribed rate of flow. It also includes responsibility for the maintenance of control tower and gate-lift equipment. Incumbents generally act as Patrol Officers and operate radios and telephones connected with the control tower. Supervision is generally received from a recreational area manager or an administrative official in a higher classification. Incumbents frequently supervise workers or helpers in the maintenance of gate facilities.

MINIMUM QUALIFICATIONS:

These minimum qualifications have been agreed upon by Subject Matter Experts (SMEs) in this job class and are based upon a job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of the position. Any request to substitute related education or experience for minimum qualifications must be addressed to the State Personnel Board in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

EXPERIENCE/EDUCATIONAL REQUIREMENTS:

Education:

A Master's Degree from an accredited four-year college or university in a field of atmospheric sciences, chemical sciences, engineering, environmental science, environmental technology, geography, geological sciences, hydrology, mathematical sciences or a directly related field;

AND

Experience:

Two (2) years of directly related experience in a combination of/or any of the educational field(s) indicated above.

OR

Education:

A Bachelor's Degree from an accredited four-year college or university in a field of atmospheric sciences, chemical sciences, engineering, environmental science, environmental technology, geography, geological sciences, hydrology, mathematical sciences or a directly related field;

AND

Experience:

Three (3) years of directly related experience in a combination of/or any of the educational field(s) indicated above.

OR

Education:

Graduation from a standard four-year high school or equivalent (GED);

AND

Experience:

Seven (7) years of directly related experience in a combination of/or any of the educational field(s) indicated above.

Substitution Statement

Graduation from a standard four-year high school or equivalent (GED), directly related education and directly related experience may be substituted on an equal basis.

PHYSICAL REQUIREMENTS:

These physical requirements are not exhaustive, and additional job related physical requirements may be added to these by individual agencies on an as needed basis. Corrective devices may be used to meet physical requirements.

Light Work: May frequently walk or stand and/or frequently exert force equivalent to lifting up to approximately 10 pounds and/or occasionally exert force equivalent to lifting up to approximately 20 pounds.

Vision: Requires the ability to perceive the nature of objects by the eye.

Near Acuity: Clarity of vision at 20 inches or less.

Midrange: Clarity of vision at distances of more than 20 inches and less than 20 feet.

Far Acuity: Clarity of vision at 20 feet or more.

Field of Vision: Ability to observe an area up or down, left or right while eyes are fixed on a given point.

Depth Perception: Three-dimensional vision. Ability to judge distance and space relationships so as to see objects where and as they actually are.

Accommodation: Ability to adjust focus.

Color Vision: Ability to identify colors.

Speaking/Hearing: Ability to give and receive information through speaking and listening skills.

Motor Coordination: While performing the duties of this job, the incumbent is regularly required to sit; use hands to finger, handle or feel objects, tools or controls; and reach with hands and arms. The incumbent is frequently required to stand and walk. The incumbent is occasionally required to climb or balance; and stoop, kneel, crouch, or bend.

ESSENTIAL FUNCTIONS:

Additional essential functions may be identified and included by the hiring agency. The essential functions include, but are not limited to, the following.

1. Operates and maintains reservoir spillway gate and tower.
2. Monitors reservoir to ensure safety and maintains telecommunications between agencies.

EXAMPLES OF WORK:

Examples of work performed in this classification include, but are not limited to, the following:

Tracks and logs water level data.

Analyzes and interprets data to maintain proper flow and water levels.

Operates spillway gates at reservoir dam or lake dam.

Supervises and performs maintenance work on control tower and gate lifts.

Operates radio and telephone communication systems to notify Patrol Officers of unusual happenings on or around the reservoir.

Performs related or similar duties as required or assigned.

INTERVIEW REQUIREMENTS:

Any candidate who is called to an agency for an interview must notify the interviewing agency in writing of any reasonable accommodation needed prior to the date of the interview.